

Solution Sheet 9
XQuery + Full Text

Exercise 1: Queries

1.1.

```
doc("exercise9-1.xml")  
  /books/book/metadata/title[. contains text "usability"]
```

1.2.

```
for $book in doc("exercise9-1.xml")/books/book  
let $title := $book/metadata/title[. contains text "Web site"]  
  union $book/content/part/chapter/title[. contains text "Web  
site"]  
where count($title) > 0  
return $book
```

1.3.

```
for $book in doc("exercise9-1.xml")/books/book  
where $book//subject contains text "Web site development"  
return $book/metadata/(title|author)
```

1.4.

```
for $book in doc("exercise9-1.xml")  
  /books/book  
let $bi := $book/content/introduction[./p contains text  
  "identify" using stemming]  
let $pi := $book/content/part/introduction[./p contains text  
  "identify" using stemming]  
where count($bi)>0 and count($pi)>0  
return $book
```